

Synergy Series



Discover the Capabilities of the 682 Synergy Series

The 682 Synergy Series has expanded features to enhance operations and provide greater flexibility. Connected to either serial or demand scales, the 682 can provide a range of formats and commands to tailor scale operations.

RICE LAKE
WEIGHING SYSTEMS

800-472-6703
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Serial Scale Features

When connected to a serial scale, operators using the 682 can:

- Use 34 pre-defined formats
- Create custom formats
- Set up weight processing remotely for setpoints, truck modes, printing and more

Demand Scale Features

When connected to a demand scale, operators using the 682 can:

- Define a command character or string to send to the master scale and indicator
- Set polling frequency to get weights from the master scale and indicator
- Turn non-streaming scales and indicators into master serial scales

Key Stream Features

Commands can be sent back to the master scale, whether serial or demand, and indicator. While there are default Rice Lake Weighing Systems commands, operators can define new commands up to 10 characters long. The indicator key stream allows operators to choose which key commands are sent to the master:

- Four keys: Gross/Net, Unit, Tare and Zero
- Softkeys
- No softkeys
- All keys

VALUES	STRING OR EXPLANATION
RLWS	<STX><P><W7.><U><M><S><CR><LF>
CARDNAL	<CR><P><W07..><S><U><M><03>
WTRONIX	<M><P><W06.><U><CR><LF>
TOLEDO	<2><B2,B0,B1,B13,B17><B2,B0,B1,B8,B5,B7,B6,B3><B2,B0,B1,B0,B0,B0,B0><W06><T06><CR>
MINEBEA	<P><W8.><U><CR><LF>
CUSTOM	Allows for the Custom formats to be defined
ACCUWEIGH	<STX><P><W06.><U><M><S><CR><LF>
ANALOGICLONG	<STX><N-9.><T-9.><BX,BX,BX,BX,B3,B4,B5,-B7><U><LF><CR>
ANALOGICSHORT	<STX><W-6.><CR><LF>
AND	<S><M><P><W7.><U><CR><LF>
AWTX	<*><M><P><W6.><U><CR><LF>
CARDINAL708	<CR><P><W06..><S><U><M><ETX>
CARDINAL738SCOREBOARD	<CR><P><W07..><S><U><M><ETX>
CARDINAL748	<CR><P><W07..><S><U><MOT><ETX>
DINI	<S><M><P><W7.><U><CR><LF>
FAIRBANKS	<STX><4MU><W-7.><ETX>
FAIRBANKS20MA	<STX><4BX,BX,BX,BX,BX,BX,B8,B3><W-7.><ETX>
FAIRBANKS90_160	<STX><M><W-7.><U><ETX>
GSE	<W-8.><U><M><CR><LF>
HARDY	<62><CR><LF> GROSS <G-7.><U><CR><LF> NET <N-7.><U><CR><LF> TARE <T-7.><CR><LF><CR><LF>
ISHIDA	<P><W7.><U><S_ISHIDA><OU_ISHIDA><CR><LF>
MSI	<W-7.><U><M><CR><LF>
PENNSYLVANIA5600	<SOH><*><2><U><*><3><G-7.><N-7.><CR><LF>
RINSTRUMA	<STX><P><W7.><S_Rinstrum><ETX>
RINSTRUMB	<STX><S_RINSTRUM><P><W7.><U><ETX>
RINSTRUMC	<STX><P><W7.><S_RINSTRUM><M><COZ><*><U><ETX>
RINSTRUMD	<STX><P><W7.><ETX>
RINSTRUMF	<STX><P><W7.><U><M><S><ETX>
SCT2200EXTENDED	<*><3><S><N-10.><T_TYPE><T-10.><*><10><U><CR><LF>
SCT2200STANDARD	<*><2><S><M_SCT2200><W-8.><U><CR><LF>
SCT20T	<W-6.><CR><LF>
SCT20TD	&<M><W-6.><*><G-6.>&<*><CR>
SMA	<LF><S><*><M><MOT><W-10.><U><CR>
WEIGHTRONIX125	<*><M><P><W06.><U><CR><LF>
WEIGHTRONIX127	G<G-7.><U><CR><LF><*><T-T-7.><U><CR><LF><*><N-N-7.><U><CR><LF><FF>